**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (**Currently Amended**) A data transmitting apparatus comprising:

a storage management part for managing a storage area of receiving machines;

a database part for holding storage management information containing classification numbers and a maximum size of each of the classification numbers, and contents data wherein the classification numbers are data for managing storage areas of said receiving machines and are used to classify the contents data;

a schedule management part for scheduling the distribution of data;

a transmitting part for transmitting data; and

a communication part for communicating data,

wherein, according to a schedule decided by said schedule management part, contents data provided with classification numbers and identification numbers for identifying the contents data, and storage management information are distributed to said receiving machines~; and further including

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a data input part for inputting contents data;

wherein, said database part holds a maximum size of each of at least one subarea to which a maximum storage size of a receiving machine is split and allocated, whereby, when contents data with a subarea specified is inputted from said data input part, said storage management part checks whether the size of the contents data does not exceed a maximum size of each subarea, and holds only contents data passing the checking in said database part.

2. (**Original**) A receiving machine comprising:

a receiving part for receiving contents data broadcast from a data transmitting apparatus;

a communication part for acquiring data over a communication line;

a storage area for storing; and

a data allocation part for allocating received contents data to said storage area;

wherein:

said data allocation part updates storage management information in said storage area by storage management information acquired in said communication part; and

said data allocation part stores contents data received by said receiving part in said storage area only when it determines that, even if the contents data were stored, a

total size of contents data of each classification number in said storage area would not exceed a maximum size for each classification number contained in the storage management information in said storage area.

3.   (**Original**) The data transmitting apparatus according to claim 1, wherein, when changing the storage management information, said storage management part decides a distribution start data of the storage management information by a decided date when the storage management information is changed, and an operation value set in said storage management part.

4.   (**Original**) The data transmitting apparatus according to claim 1, wherein, when a receiving machine issues a request for acquisition of the storage management information to said data transmitting apparatus, or when notified from a receiving machine that data overflowed, said storage management part detects that said receiving machine failed in acquiring the storage management information according to a predetermined schedule, and said storage management part creates a delete instruction specifying a list of contents data to be deleted in said receiving machine from a storage management information acquisition history, and said

communication part distributes the delete instruction to said
receiving machine.

5.    (**Original**) The receiving machine according to
claim 2, wherein, according to a list of contents data to be
deleted, specified in a delete instruction received over a
communication line by said communication part, said data
allocation part deletes fields of applicable contents data
from a contents list and the contents data from said storage
area.

6.    (**Original**) The receiving machine according to
claim 2, wherein, upon detecting that the storage management
information was unsuccessfully acquired according to a
predetermined schedule, said communication part issues a
request for acquisition of the storage management information
to the data transmitting apparatus, and when the latest
storage management information is acquired, said data
allocation part compares the storage management information
newly acquired and old storage management information held in
said storage area, creates a list of contents data to be
deleted, and deletes fields of applicable contents data from a
contents list and the contents data from said storage area.

7.    (**Original**) The receiving machine according to
claim 2, including said storage area for holding a storage

management information change history and contents data, and

said data allocation part for managing a contents list,

wherein, if said data allocation part detects that a

total amount of contents data exceeds a maximum size for each

classification number, depending on whether contents data

received by said receiving part is stored or storage

management information received by said communication part is

updated, said data allocation part creates a list of causative

contents data, and deletes fields of applicable contents data

from the contents list and the contents data from said storage

area.

8.    (**Original**) The data transmitting apparatus

according to claim 1, wherein said storage management part

appends expiration dates to the storage management information

for distribution.

9.    (**Original**) The receiving machine according to

claim 2, including a timer processing part for performing

timer processing,

wherein, when said communication part receives

storage management information provided with expiration dates,

said timer processing part updates storage management

information held in said storage area by the expiration dates.

10.    **Cancelled.**

11. (**Currently Amended**) The data transmitting apparatus according to claim ~~10~~1, wherein, if subareas increasing in maximum size or subareas to be added, and subareas decreasing in maximum size or subareas to be deleted exist at the same time when maximum sizes of subareas are changed, said schedule management part performs scheduling so that delete indication data or decreased data is distributed before added data or increased data is distributed.

12. (**Currently Amended**) The data transmitting apparatus according to claim ~~10~~1, wherein, when subareas increasing in maximum size or subareas to be added exist, said storage management part keeps a subarea change history, whereby said schedule management part uses the subarea change history to perform scheduling so that added data or increased data is preceded by contents data in subareas decreasing in maximum size within a period satisfying a placement condition or deleted contents data.

13. (**Currently Amended**) The data transmitting apparatus according to claim ~~11~~1, wherein, if subareas increasing in maximum size or subareas to be added, and subareas decreasing in maximum size or subareas to be deleted exist at the same time when maximum sizes of subareas are changed, said schedule management part uses an operation value

set in said storage management part to perform scheduling so that delete indication data or decreased data is distributed before added data or increased data is distributed.
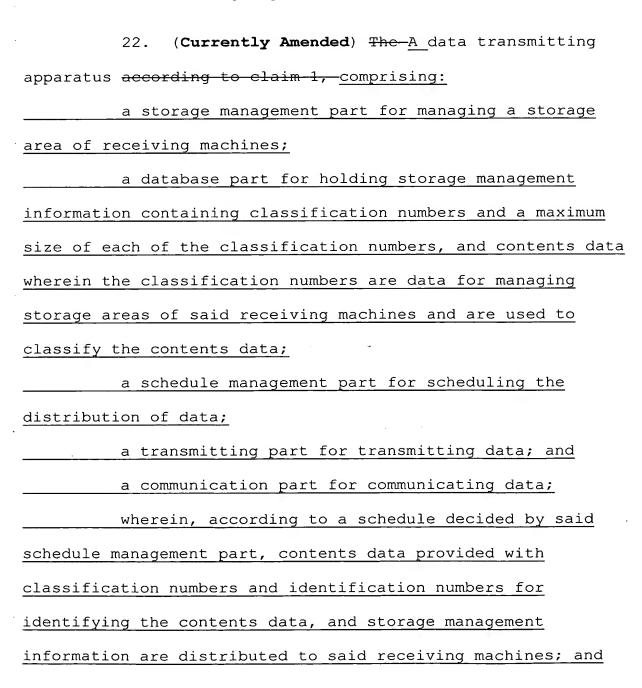
14.   (**Currently Amended**) The data transmitting apparatus according to claim ~~10~~1, further including a terminal management part for managing a history indicating whether delete indication data or decreased data is acquired for each receiving machine, wherein, if subareas increasing in maximum size or subareas to be added, and subareas decreasing in maximum size or subareas to be deleted exist at the same time when maximum sizes of subareas are changed, said storage management part collects statistics from a history indicating whether receiving machines manage by said terminal management part acquired delete indication data or decreased data, and finds percentages of receiving machines that successfully acquired them, and the schedule management part performs scheduling to transmit added data or increased data when a specified percentage is exceeded.

15.   (**Currently Amended**) The data transmitting apparatus according to claim ~~10~~1, wherein said storage management part holds a subarea change history or contents data size change history, whereby, when notified from a receiving machine that data overflowed, said storage

management part uses the subarea change history or contents data size change history to create a delete instruction specifying a list of contents data to be deleted, and said communication part distributes the delete instruction to said receiving machine.

16. (**Original**) The receiving machine according to claim 2, wherein said data allocation part holds a change history of subareas in which contents data was stored, or contents data size change history, whereby, if said data allocation part detects that storage of contents data received by said receiving part will cause a maximum size for each classification number to be exceeded, said data allocation part uses the contents data size change history to create a list of contents data to be deleted, and deletes fields of applicable contents data from a contents list and the contents data from said storage area.

17. (**Original**) The receiving machine according to claim 2, wherein, if said data allocation part detects that storage of contents data received by said receiving part will cause a maximum storage size of said storage area to be exceeded, said data allocation part deletes contents data from said database part according to a deletion condition and deletes applicable fields from a contents list.

18.  (**Original**) The receiving machine according to claim 17, wherein the deletion condition is classification numbers or identification information appended to contents data.

19.  (**Currently Amended**) The receiving machine according to claim 17, wherein said storage management part manages, for each receiving machine, a history when notified from said receiving machine that data overflowed, whereby the existence of a receiving ~~machines~~ machine with history information satisfying a given condition is detected and said communication part distributes an instruction to delete all contents data to said receiving machine.

20.  (**Original**) The receiving machine according to claim 17, wherein, if said data allocation part detects that storage of contents data received by said receiving part will cause a maximum size for each classification number to be exceeded, said storage area holds history information about overflow, whereby, when the history information satisfies a given condition, said data allocation part deletes all contents data from the storage area and deletes all fields from a contents list.

21.  (**Original**) The receiving machine according to claim 17, wherein said data processing part holds a viewing

history for each contents data in a storage area, whereby if

said data allocation part detects that storage of contents

data received by said receiving part will cause a maximum size

of a storage area to be exceeded, contents data having not

been viewed for a longer period is deleted earlier.

22.    (**Currently Amended**) ~~The~~ A data transmitting

apparatus ~~according to claim 1,~~ comprising:

a storage management part for managing a storage

area of receiving machines;

a database part for holding storage management

information containing classification numbers and a maximum

size of each of the classification numbers, and contents data

wherein the classification numbers are data for managing

storage areas of said receiving machines and are used to

classify the contents data;

a schedule management part for scheduling the

distribution of data;

a transmitting part for transmitting data; and

a communication part for communicating data;

wherein, according to a schedule decided by said

schedule management part, contents data provided with

classification numbers and identification numbers for

identifying the contents data, and storage management

information are distributed to said receiving machines; and

_____wherein said storage management part manages, for each receiving machine, information about acquisition by receiving machines of delete instructions distributed over a communication line, whereby said storage management part creates, for each of said receiving machines, a delete instruction specifying a list consisting of contents data to be deleted, not acquired by said receiving machine, and said communication part distributes the delete instruction.

23.   (**Original**) The data transmitting apparatus according to claim 22, wherein said storage management part deletes a list of contents data to be deleted, acquired by over a given percentage of receiving machines, from said database part.

24.   (**Currently Amended**) The receiving machine according to claim 2, including an input part ~~capable of selecting~~ inputting contents data to be stored,

wherein a selection type contents data maximum size is held in said storage area to store a maximum size of selection type contents data, whereby, when contents data selected in said input part is received, said data allocation part checks the size of the received contents data and stores the received contents data in said storage area only when storage of the contents data will not cause the selection type

contents data maximum size held in said storage area to be exceeded.

25. (**Original**) The receiving machine according to claim 2, wherein, when the data transmitting apparatus groups plural contents data and sets different receive conditions in each contents data within a group to transmit the contents data, said storage area holds attribute information specific to the receiving machine or users, said data processing part selects only contents data, of contents data within an identical group received by said receiving part, in which a receive condition matching attribute information held in said storage area is set, and said data allocation part stores only contents data selected by said data processing part in said storage area.

26. (**Currently Amended**) ~~The~~ A data transmitting apparatus comprising:

a storage management part for managing a storage area of receiving machines;

a database part for holding storage management information containing classification numbers and a maximum size of each of the classification numbers, and contents data wherein the classification numbers are data for managing

storage areas of said receiving machines and are used to

classify the contents data;

a schedule management part for scheduling the

distribution of data;

a transmitting part for transmitting data; and

a communication part for communicating data;

wherein, according to a schedule decided by said

schedule management part, contents data provided with

classification numbers and identification numbers for

identifying the contents data, and storage management

information are distributed to said receiving machines; and

further ~~according to claim 1, further~~ including a data input

part for receiving data in which a different receive condition

is set in each contents data within a group of plural contents

data,

wherein, when receive conditions to be set in

contents data within an identical group are changed, or when

the attribute information held in the receiving machine may be

changed, said schedule management pat creates, for each

contents data, transmitting data provided with data containing

an indication to delete other contents data within the same

group as the contents data, and said transmitting part

transmit the transmitting data.

27. (**Original**) The data transmitting apparatus according to claim 26, wherein, when a receive condition appended to contents data within the group specifies that said input part in the receiving machine can receive only one of contents data within an identical group, maximum sizes of contents data within an identical group in storage management information held in said database part are set identical, and the sum of maximum sizes of groups is set to a storage area maximum size.

28. (**Original**) The data transmitting apparatus according to claim 1, wherein said schedule management part provides a different reserve transmitting time zone than is provided for contents data normally scheduled, and when it becomes necessary to transmit contents data other than that normally scheduled, creates transmitting data in the reserve transmitting time zone, and said transmitting part transmits it.

29. (**Currently Amended**) A data broadcast schedule system transmitting and receiving data over a transmission line, wherein:

a receiving machine of the data broadcast schedule system has a data allocation part for allocating a storage

area of the receiving machine to each of contents data to be received; and

wherein said data allocation part stores contents data received by said receiving part in said storage area only when it determines that, even if the contents data were stored, a total size of contents data of each classification number in said storage area would not exceed a maximum size for each classification number contained in the storage management information in said storage area; and

a data transmitting apparatus to transmit at least storage management information containing classification numbers and a maximum size of each of the classification numbers and contents data to the receiving machine has a schedule management part for making a transmitting schedule according to the result of predicting or determining an increase or decrease in said storage area of the receiving machine that can be allocated to each contents data.

30. (**Original**) The data broadcast schedule system according to claim 29 that transmits and receives data over a transmission line, wherein said schedule management part of the data transmitting apparatus makes a transmitting schedule so that, when it is predicted that arbitrary data being transmitted increases and other data being transmitted

decreases, it decreasingly transmits the other data for a
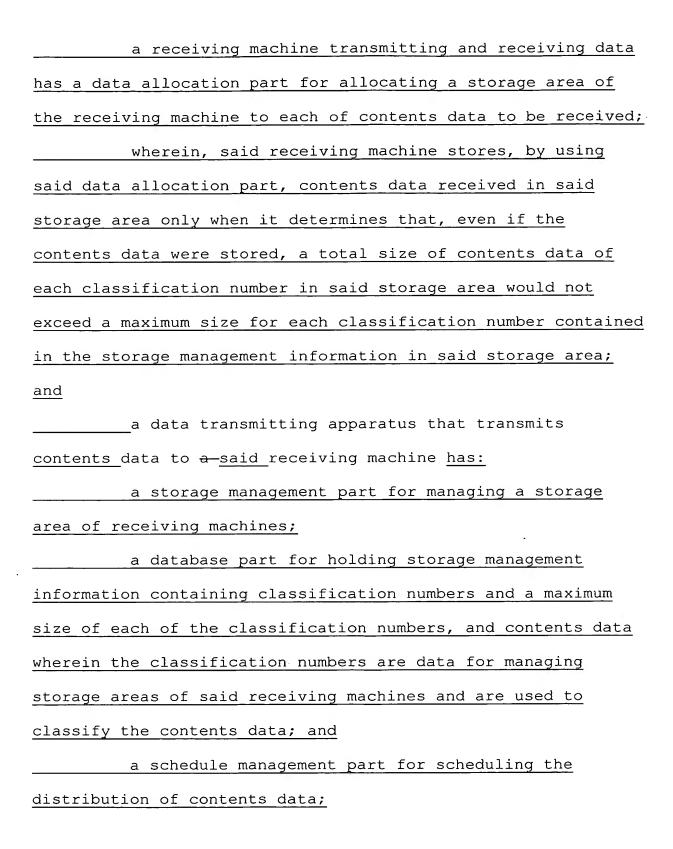while before increasingly transmitting the arbitrary data.

31.    (**Currently Amended**) A data broadcast schedule
system transmitting and receiving data over a transmission
line, wherein a data transmitting apparatus that transmits
contents data to a receiving machine to transmit and receive
data has:

a storage management part for managing a storage
area of receiving machines;

a database part for holding storage management
information containing classification numbers and a maximum
size of each of the classification numbers, and contents data
wherein the classification numbers are data for managing
storage areas of said receiving machines and are used to
classify the contents data;

a schedule management part for making a transmitting
schedule according to the result of predicting or determining
an increase or decrease in the storage area of the receiving
machine that can be allocated to each contents data;

a transmitting part for transmitting data; and

a communication part for communicating data;

wherein, according to a schedule decided by said
schedule management part, contents data provided with
classification numbers and identification numbers for

identifying the contents data, and storage management

information are distributed to said receiving machines; and

further including

a data input part for inputting contents data;

wherein, said database part holds a maximum size of

each of one or more subareas to which a maximum storage size

of a receiving machine is split and allocated, whereby, when

contents data with a subarea specified is inputted from said

data input part, said storage management part checks whether

the size of the contents data does not exceed a maximum size

of each subarea, and holds only contents data passing the

checking in said database part.

32.   (**Original**) The data broadcast schedule system

according to claim 31 that transmits and receives data over a

transmission line, wherein the schedule management part of the

data transmitting apparatus makes a transmitting schedule so

that, when it is predicted that arbitrary data being

transmitting increases and other data being transmitted

decreases, it decreasingly transmits the other data for a

while before increasingly transmitting the arbitrary data.

33.   (**Currently Amended**) A data broadcast schedule

method for transmitting and receiving data over a transmission

line, wherein:

a receiving machine transmitting and receiving data has a data allocation part for allocating a storage area of the receiving machine to each of contents data to be received;

wherein, said receiving machine stores, by using said data allocation part, contents data received in said storage area only when it determines that, even if the contents data were stored, a total size of contents data of each classification number in said storage area would not exceed a maximum size for each classification number contained in the storage management information in said storage area; and

a data transmitting apparatus that transmits contents data to a—said receiving machine has:

a storage management part for managing a storage area of receiving machines;

a database part for holding storage management information containing classification numbers and a maximum size of each of the classification numbers, and contents data wherein the classification numbers are data for managing storage areas of said receiving machines and are used to classify the contents data; and

a schedule management part for scheduling the distribution of contents data;

wherein, said data transmitting apparatus makes, by using said schedule management part, ~~to transmit and receive data makes~~ a transmitting schedule according to the result of predicting or determining an increase or decrease in the storage area of the receiving machine ~~that can be~~ allocated to each contents data, and according to a schedule decided by said schedule management part, contents data provided with classification numbers and identification numbers for identifying the contents data, and storage management information are distributed to said receiving machines.

34.    (**Currently Amended**) A recording medium in which a data broadcast schedule program for transmitting and receiving data over a transmission line is recorded, wherein:

a receiving machine transmitting and receiving data has a data allocation part for allocating a storage area of the receiving machine to each of contents data to be received;

wherein, a receiving program is recorded in which said data allocation part stores contents data received in said storage area only when it determines that, even if the contents data were stored, a total size of contents data of each classification number in said storage area would not exceed a maximum size for each classification number contained in the storage management information in said storage area; and

_____a data transmitting apparatus that transmits contents data to a receiving machine to transmit and receive data has:

_____a storage management part for managing a storage area of receiving machines;

_____a database part for holding storage management information containing classification numbers and a maximum size of each of the classification numbers, and contents data wherein the classification numbers are data for managing storage areas of said receiving machines and are used to classify the contents data; and

_____a schedule management part for scheduling the distribution of contents data;

_____wherein, a transmitting program is recorded in which said schedule management part makes a transmitting schedule according to the result of predicting or determining an increase or decrease in the storage area of the receiving machine ~~that can be~~ allocated to each content data, and according to a schedule decided by said schedule management part, contents data provided with classification numbers and identification numbers for identifying the contents data, and storage management information are distributed to said receiving machines.

35.    (**Currently Amended**) A data broadcast schedule

program for transmitting and receiving data over a

transmission line, wherein;

a receiving machine transmitting and receiving data

has a data allocation part for allocating a storage area of

the receiving machine to each of contents data to be received;

wherein, said data broadcast schedule program

includes a receiving program in which said data allocation

part stores contents data received in said storage area only

when it determines that, even if the contents data were

stored, a total size of contents data of each classification

number in said storage area would not exceed a maximum size

for each classification number contained in the storage

management information in said storage area; and

a data transmitting apparatus that transmits

contents data to a—said receiving machine has:

a storage machine part for managing a storage area

of receiving machines;

a database part for holding storage management

information containing classification numbers and a maximum

size of each of the classification numbers, and contents data

wherein the classification numbers are data for managing

storage areas of said receiving machines and are used to

classify the contents data; and

a schedule management part for scheduling the distribution of contents data;

wherein, said data broadcast schedule program includes a transmitting program in which said schedule management part ~~to transmit and receive data~~ makes a transmitting schedule according to the result of predicting or determining an increase or decrease in the storage area of the receiving machine ~~that can be~~ allocated to each contents data, and according to a schedule decided by said schedule management part, contents data provided with classification numbers and identification numbers for identifying the contents data, and storage management information are distributed to said receiving machines.